



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 4323	
PRODUCT NAME: SPLIT 230					
USE: Emulsion Breaker					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D2B			TRADE NAME / SYNONYMS: not applicable		
CHEMICAL FAMILY: Acid			CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Aluminum chlorhydrate	30-60	001327-41-9	not available	N/avail.	
Polydimethyl Diallyl Ammonium Chloride	3-7	026062-79-3	not available	N/avail.	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT:					
Gloves: natural rubber or neoprene		Eye: safety glasses		Footwear: not applicable	
Respiratory: If mists are generated, use NIOSH approved mask		Other: not applicable			
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: not applicable					
VENTILATION REQUIREMENTS: general ventilation					
INCOMPATIBILITY (Material to Avoid): Strong oxidizing agents.					
SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal. Wash spill area with large volumes of water.					
WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.					
STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Avoid freezing.					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Clear to hazy straw coloured liquid, amine odor					
S.G. / BULK DENSITY(g/cc): 1.30			pH: (Concentrate) 4.3		
VAPOUR PRESSURE (mmHg): not available			VAPOUR DENSITY (air=1): >1		
ODOUR THRESHOLD: not available			BOILING POINT: approx. 100°C		
FREEZING POINT: 0°C			PERCENT VOLATILE: >90%		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): 1		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:					
EYES: May cause irritation.					
SKIN: May cause irritation.					
INGESTION: May cause severe irritation of the digestive tract.					
INHALATION: No serious or irreversible effects expected.					
LD50 (calculated): Not available			LC50 (calculated): Not applicable		

OTHER TOXIC EFFECTS: Aluminum Chlorhydrate TWA 2 mg (Al)/m3	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: None known.	
VI - FIRST AID MEASURES	
EYES:	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.
SKIN:	Flush affected area thoroughly with water. If irritation develops, contact a physician.
INGESTION:	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
INHALATION:	Remove patient to fresh air.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: not applicable	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: N/App.
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: not required.	
HAZARDOUS COMBUSTION PRODUCTS: May decompose to hydrogen chloride in a fire.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: not applicable	
INCOMPATIBILITY (Material to Avoid) : Strong oxidizing agents	
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride	
REACTIVITY: not dangerously reactive.	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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